



PENNSYLVANIA STATE FIRE ACADEMY VEHICLE RESCUE TECHNICIAN - LEVEL I

Vehicle Rescue Technician-Level I Skill Stations

NFPA 1006 (2013 Edition) – Chapter 10

Station A	Scene Control, Safety, and Hazard Control	Random Station
Station B	Vehicle Stabilization	Mandatory Station
Station C	Patient Access	Mandatory Station
Station D	Patient Management	Random Station
Station E	Patient Disentanglement	Mandatory Station
Station F	Patient Extrication	Mandatory Station
Station G	Termination	Random Station
Station H	Vehicle Anatomy	Mandatory Station
Station I	Tool Identification, Selection, and Use	Mandatory Station



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STATION A – Scene Control, Safety, & Hazard Control (Site Operations)		Reference: NFPA 1006 (2013 Edition) Chapter 10 Random Station: JPRs 10.1.1, 10.1.2, 10.1.3, 10.1.5	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Given an extrication incident with vehicular damage, victim injury and/or entrapment, provide for the safety of your crew and yourself, complete a size-up of the incident, establish operating zones, identify all present and potential hazards, establish fire suppression, and control/mitigate hazards as appropriate. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **11 of 11** tasks correctly performed.

No.	Tasks	Yes	No
1	Utilizes operational protocols and establishes and implements an Incident Management System (i.e., ICS Forms)		
2	Ensures proper use of personal protective equipment (PPE) by all personnel		
3	Completes size-up using observations, victims, bystanders and/or site information, and request support resources for the given scenario		
4	Establishes safe operating zones (hot, warm & cold).		
5	Establishes traffic control/work zones and places appropriate marking/signaling devices to control the flow of traffic		
6	Identifies and isolates all potential ignition sources		
7	Isolates all potentially harmful energy sources		
8	Assures adequate fire protection is in place for given scenario		
9	Identifies stabilization issues and resources needed		
10	Hazards monitored and mitigated as appropriate		
11	Completes the assignment in a professional manner		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator's Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY VEHICLE RESCUE TECHNICIAN - LEVEL I

STATION B – Vehicle Stabilization (<i>Site Operations</i>)		Reference: NFPA 1006 (2013 Edition) Chapter 10 Mandatory Station: JPRs 10.1.4, 10.1.5	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Evaluator Note: Evaluators should utilize the 3 mandatory scenarios and at least one of the optional scenarios presented. Candidates leading the operations should be rotated once per scenario so that each candidate leads a stabilization scenario.

Directions: Given an extrication incident with vehicular damage, victim injury and/or entrapment, and while functioning as a member on a team, conduct a size-up and provide for vehicle/equipment stabilization.

Performance Outcome: Pass/Fail will be determined by **5 of 5** tasks correctly performed.

No.	Tasks	Yes	No
1	Ensures proper/continued use of personal protective equipment (PPE)		
2	Stabilizes vehicle / machinery eliminating movement on any plane and/or direction utilizing appropriate methods and available equipment with: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><u>Mandatory</u></p> <p>Vehicle on wheels _____</p> <p>Vehicle on side _____</p> <p>Vehicle on roof _____</p> </div> <div style="width: 45%;"> <p><u>Optional</u> (<i>select one</i>):</p> <p>Vehicle on hillside _____</p> <p>Vehicle on vehicle _____</p> <p>Other machinery _____</p> </div> </div>		
3	Appropriate stabilization tools and equipment are used in a safe, effective manner as specified by the manufacturer, are operated within working load limits, and all safety mechanisms are utilized		
4	Access and extrication pathways not obstructed		
5	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



PENNSYLVANIA STATE FIRE ACADEMY VEHICLE RESCUE TECHNICIAN - LEVEL I

STATION C - Patient Access (<i>Site Operations</i>)		Reference: NFPA 1006 (2013 Edition) Chapter 10 Mandatory Station: JPRs 10.1.7, 10.1.6, 10.1.5	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Given all present and potential hazards are controlled, the vehicle is properly stabilized, emergency evacuation & safety signal are established, access and egress openings for rescue are created, and an emergency escape route is provided, safely gain access to entrapped victims. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **7 of 7** tasks being correctly performed.

No.	Tasks	Yes	No
1	Ensures proper/continued use of personal protective equipment (PPE)		
2	Identifies primary and secondary means for patient access		
3	Establishes appropriate contact with patient		
4	Appropriate stabilization tools and equipment are used in a safe, effective manner as specified by the manufacturer, are operated within working load limits, and all safety mechanisms are utilized		
5	Provide for safe entry of medical/rescue personnel		
6	Interior and rescuer created hazards identified and controlled (e.g., broken glass, sharp edges, etc.)		
7	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____

Evaluator # _____



PENNSYLVANIA STATE FIRE ACADEMY VEHICLE RESCUE TECHNICIAN - LEVEL I

STATION D - Patient Management (<i>Site Operations</i>)		Reference: NFPA 1006 (2013 Edition) Chapter 10 Random Station: JPRs 10.1.5, 10.1.6, 10.1.9	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Given all hazards are controlled, the vehicle is properly stabilized, access is gained, and patient care is initiated, establish emergency evacuation & safety signals, remove the patient without compromising patient packaging and undue injury is prevented, and stabilization is maintained in accordance with approved medical protocols. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **10 of 10** tasks being correctly performed.

No.	Tasks	Yes	No
1	Ensures proper/continued use of personal protective equipment (PPE)		
2	Performs patient triage as needed		
3	Provides for patient assessment and initiation of treatment priorities		
4	Assess patient entanglement and/or need for disentanglement		
5	Determines extrication pathway		
6	Provides patient protection		
7	Patient condition communicated to Incident Command		
8	Determines need for patient packaging/immobilization		
9	Follows established local medical protocols.		
10	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



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STATION E - Patient Disentanglement (Site Operations)		Reference: NFPA 1006 (2013 Edition) Chapter 10 Mandatory Station: JPRs 10.1.5, 10.1.6, 10.1.7, 10.1.8	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Given all present and potential hazards are controlled, the vehicle is properly stabilized, emergency evacuation & safety signal are established, access is gained and patient care is initiated, provide for the safe disentanglement of the entrapped patient. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **7 of 7** tasks being correctly performed.

No.	Tasks	Yes	No
1	Ensures proper/continued use of personal protective equipment (PPE)		
2	Determines quickest and safest extrication pathway		
3	Appropriate stabilization tools and equipment are used in a safe, effective manner as specified by the manufacturer, are operated within working load limits, and all safety mechanisms are utilized		
4	Provides pathway large enough to accommodate patient extrication		
5	Provides space for proper patient packaging/immobilization		
6	Disentangles patient without further compromising or aggravating patient's injuries or condition		
7	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____

Evaluator # _____



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STATION F - Patient Extrication (<i>Site Operations</i>)		Reference: NFPA 1006 (2013 Edition) Chapter 10 Mandatory Station: JPRs 10.1.5, 10.1.9	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Given all hazards are controlled, the vehicle is properly stabilized, access is made, patient care is provided, disentanglement of the patient is achieved, and functioning as a member of a team, safely extricate the patient to a safe area. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **8 of 8** tasks being correctly performed.

No.	Tasks	Yes	No
1	Ensures proper/continued use of personal protective equipment (PPE)		
2	Continues appropriate medical treatment		
	Utilizing appropriate methods and available equipment with patient in the following positions, properly package and removes patient(s)		
	Patient in sitting position (front) _____ Patient lying across seat (front) _____		
3	Patient in sitting position (rear) _____ Patient lying across seat (rear) _____		
	Patient lying on floor (front) _____ Patient lying on roof inverted _____ vehicle		
	Patient lying on floor (rear) _____		
4	Applies appropriate patient packaging devices		
5	Ensures proper patient immobilization		
6	Provides for coordinated movement of patient		
7	Extrication completed without further compromising patient condition or aggravating patient's injuries		
8	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____ **Evaluator #** _____



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STATION G - Termination (<i>Site Operations</i>)		Reference: NFPA 1006 (2013 Edition) Chapter 10 Random Station: JPRs 10.1.5, 10.1.10	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Directions: Given all hazards are controlled, the vehicle is properly stabilized, access is made, patient care is provided, disentanglement and extrication of the patient is achieved, and working as a member of a team, safely terminate the rescue operation. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **7 of 7** tasks being correctly performed.

No.	Tasks	Yes	No
1	Ensures proper/continued use of personal protective equipment (PPE)		
2	Existing/identified hazards are monitored		
3	Tools and equipment returned to a state of readiness		
4	Scene is made safe and restored as appropriate		
5	Scene control is transferred to a responsible party		
6	Command is terminated		
7	Completes all tasks without compromising personal or team safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____

Evaluator # _____



PENNSYLVANIA STATE FIRE ACADEMY VEHICLE RESCUE TECHNICIAN - LEVEL I

STATION H - Vehicle Anatomy		Reference: NFPA 1006 (2013 Edition) Chapter 10 Mandatory Station: JPRs 10.1.1, 10.1.4, 10.1.5	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Evaluator Note: Beneficial systems (3.3.16) auxiliary powered equipment in motor vehicles or machines that can enhance or facilitate rescues such as electric, pneumatic or hydraulic seat positioners, door locks, window operating mechanisms, suspension systems, tilt steering wheels, convertible tops or other devices or systems to facilitate the movement of equipment or machinery.

Directions: Given a common passenger vehicle, identify the vehicle anatomy construction materials and components; types of energy and propulsion systems; beneficial systems; and, restraint systems. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **7 of 7** tasks being correctly performed.

No.	Tasks	Yes	No
1	Selects and utilizes appropriate personal protective equipment (PPE)		
2	Identifies vehicle anatomy components: Posts (A, B, C, etc.) ____ Glass types & locations ____ Roof / roof rails ____ Rocker channel ____ Doors / door beams ____ Upper rail & shock/strut tower ____ Dash bar / dash bar attachments ____ Hydraulic/pneumatic lift struts ____		
3	Identifies 12-volt battery(s) location and method(s) to control this energy source		
4	Determines propulsion system fuel/energy source (gas, diesel, electric, hybrid, CNG, LNG, LPG, hydrogen, and/or other) and proper control methods.		
5	Identifies powered and/or manual beneficial systems (locks, windows doors/hatches, seats, tilt/telescopic steering wheel, etc.)		
6	Identifies supplemental restraint system components and control methods: a. Airbags (all existing engineered systems) _____ b. Airbag / electronic control module _____ c. Seat belts, seat belt pretensioners _____ d. Deployable rollover protections systems. _____		
7	Completes all tasks without compromising personal safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____

Evaluator # _____



PENNSYLVANIA STATE FIRE ACADEMY VEHICLE RESCUE TECHNICIAN - LEVEL I

STATION I - Tool Identification, Selection, & Use		Reference: NFPA 1006 (2013 Edition) Chapter 10 Mandatory Station: JPRs 10.1.4, 10.1.7, 10.1.8	
Test Site	Test Date	Candidate #	Check the Test Type _____ Initial _____ Retest

Evaluator Note: Please circle the air bag system used in Task 3.

Directions: Identify and properly assemble, operate, disassemble, and service/maintain extrication tools. Safely and effectively use the tools in a manner specified by the manufacturer and within the specified working load limits. All safety systems and mechanisms must be utilized. Do you have any questions?

Performance Outcome: Pass / Fail is determined by **5 of 5** tasks being correctly performed.

No.	Tasks	Yes	No
1	Selects and utilizes appropriate personal protective equipment (PPE).		
2	Identify type, lifting capacity, and operating range of an air bag system a. Low Pressure (3 - 15 psi) b. Medium Pressure (16 - 65 psi) c. High Pressure (> 65psi)		
3	Properly assembles, operates and disassembles selected system (Low / Medium / High)		
4	Identifies the type and operating pressures / components and assembles, operates, and disassembles the following: a. Pneumatic air hammer/chisel b. Hydraulic rescue tool system (cutter, spreader, and ram) c. Reciprocating saw		
5	Completes all tasks without compromising personal safety		
Please indicate skill outcome		PASS	FAIL

Evaluator Comments: _____

Evaluator Signature: _____

Evaluator # _____